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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated  
and searchable  
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in  
CA/CAPLUS  
NEWS 5 FEB 05 German (DE) application and patent publication number format  
changes  
NEWS 6 MAR 03 MEDLINE and L MEDLINE reloaded  
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 8 MAR 03 FRANCEPAT now available on STN  
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN  
NEWS 10 MAR 29 WPIFV now available on STN  
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA  
NEWS 12 APR 26 PROMT: New display field available  
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field  
available  
NEWS 14 APR 26 LITAlert now available on STN  
NEWS 15 APR 27 NLDB: New search and display fields available  
NEWS 16 May 10 PROUSDDR now available on STN  
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May  
and June 2004  
NEWS 18 May 12 EXTEND option available in structure searching  
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
  
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
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NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004

=> file medline, agricola, caba, caplus, biosis, biotechno  
COST IN U.S. DOLLARS SINCE FILE TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 14:41:21 ON 13 MAY 2004

FILE 'AGRICOLA' ENTERED AT 14:41:21 ON 13 MAY 2004

FILE 'CABA' ENTERED AT 14:41:21 ON 13 MAY 2004  
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FILE 'CAPLUS' ENTERED AT 14:41:21 ON 13 MAY 2004  
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FILE 'BIOSIS' ENTERED AT 14:41:21 ON 13 MAY 2004  
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHNO' ENTERED AT 14:41:21 ON 13 MAY 2004  
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (fogher, c? or fogher c?)/au  
L1 154 (FOGHER, C? OR FOGHER C?)/AU

=> s l1 and plant  
L2 50 L1 AND PLANT

=> s l2 and promoter  
L3 3 L2 AND PROMOTER

=> duplicate remove l3  
PROCESSING COMPLETED FOR L3  
L4 3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)

=> d l4 1-3 ti

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Expression of animal lysosomal enzymes in seeds of transformed plants and  
uses of seeds for preparation of medicaments for enzyme replacement  
therapy

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Synthetic genes for human lactoferrin with plant codon bias and  
their use in the construction of transgenic plants for the manufacture of  
lactoferrin

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Comparison of promoter sequences with different levels of  
genetic expression from Azospirillum brasilense

=> d l4 1-3 bib

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:719222 CAPLUS  
DN 139:241324  
TI Expression of animal lysosomal enzymes in seeds of transformed plants and  
uses of seeds for preparation of medicaments for enzyme replacement  
therapy  
IN Fogher, Corrado; Reggi, Serena  
PA Plantechno S.R.L., Italy  
SO PCT Int. Appl., 53 pp.  
CODEN: PIXXD2  
DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003073839	A2	20030912	WO 2003-IT120	20030303
	WO 2003073839	A3	20031218		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	IT 2002-RM115	A	20020301		

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:68556 CAPLUS  
 DN 132:133206  
 TI Synthetic genes for human lactoferrin with plant codon bias and their use in the construction of transgenic plants for the manufacture of lactoferrin  
 IN Fogher, Corrado  
 PA Plantechno Srl, Italy  
 SO PCT Int. Appl., 93 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000004146	A1	20000127	WO 1999-IT226	19990719
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	IT 1299565	B1	20000316	IT 1998-RM478	19980717
	AU 9951921	A1	20000207	AU 1999-51921	19990719
PRAI	IT 1998-RM478	A	19980717		
	WO 1999-IT226	W	19990719		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1994:70635 CAPLUS  
 DN 120:70635  
 TI Comparison of promoter sequences with different levels of genetic expression from Azospirillum brasilense  
 AU Marudelli, Mariangela; Civardi, Laura; Delledonne, Massimo; Fogher, Corrado  
 CS Fac. Agrar., Univ. Cattol. S. Cuore, Piacenza, Italy  
 SO Annali della Facolta di Agraria (Universita Cattolica del Sacro Cuore) (1992), 32(2), 119-27  
 CODEN: AFAGAL; ISSN: 0540-049X  
 DT Journal  
 LA Italian

=> d his

(FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
14:41:21 ON 13 MAY 2004

L1 154 S (FOGHER, C? OR FOGHER C?)/AU  
L2 50 S L1 AND PLANT  
L3 3 S L2 AND PROMOTER  
L4 3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)

=> s 7s(w)basic(w)globin or 7s(s)globin

L5 6 7S(W) BASIC(W) GLOBIN OR 7S(S) GLOBIN

=> s 15 not. l4

L6 6 L5 NOT L4

=> duplicate remove l6

DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS, BIOTECHNO'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L6

L7 3 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)

=> d l7 1-13 ti

L7 ANSWER 1 OF 3 MEDLINE on STN DUPLICATE 1  
TI Hemin increase production of beta-like globin RNA transcripts in human  
erythroleukemia K-562 cells.

L7 ANSWER 2 OF 3 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI CONTROL OF EMBRYONIC DEVELOPMENT EFFECT OF AN EMBRYONIC INDUCER RNA ON  
IN-VITRO TRANSLATION OF MESSENGER RNA.

L7 ANSWER 3 OF 3 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI THE EFFECT OF IMMUNO DEPRESSIVE PREPARATIONS ON THE DYNAMICS OF 19S AND  
7S IMMUNO GLOBIN FORMATION.

=> s 16 and plant

L8 0 L6 AND PLANT

=> s lactoferrin and plant

L9 139 LACTOFERRIN AND PLANT

=> s 19 not l4

L10 138 L9 NOT L4

=> s l10 and promoter

L11 38 L10 AND PROMOTER

=> s l11 and seed

L12 6 L11 AND SEED

=> duplicate remove l12

DUPLICATE PREFERENCE IS 'CABA, CAPLUS'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L12

L13 5 DUPLICATE REMOVE L12 (1 DUPLICATE REMOVED)

=> d l13 1-5 ti

L13 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Expression of human milk proteins in transgenic plants for use as food  
additives

L13 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Manufacture of milk antimicrobial proteins in transgenic plants for use as feed additives

L13 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Manufacture of human milk proteins for infant formula in transgenic plants

L13 ANSWER 4 OF 5 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 1  
 TI Production of human lactoferrin in transgenic plants  
 Excerpta Medica International Congress Series 1195.

L13 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Recombinant lactoferrin, methods of production with plants and uses

=> d l13 1-5 bib

L13 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:300663 CAPLUS  
 DN 138:320276  
 TI Expression of human milk proteins in transgenic plants for use as food additives  
 IN Huang, Ning; Rodriguez, Raymond L.; Hagie, Frank E.  
 PA USA  
 SO U.S. Pat. Appl. Publ., 114 pp., Cont.-in-part of U.S. Ser. No. 847,232.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003074700	A1	20030417	US 2002-77381	20020214
	US 2003172403	A1	20030911	US 2001-847232	20010502
	US 2003221223	A1	20031127	US 2003-411395	20030411
	US 2004063617	A1	20040401	US 2003-639781	20030813
	US 2004078851	A1	20040422	US 2003-639779	20030813
PRAI	US 2000-201182P	P	20000502		
	US 2001-266929P	P	20010206		
	US 2001-269199P	P	20010214		
	US 2001-847232	A2	20010502		
	US 2001-266920P	P	20010206		
	US 2001-269188P	P	20010214		
	US 2002-77381	A2	20020214		
	WO 2002-US4909	A2	20020214		

L13 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:222384 CAPLUS  
 DN 138:254250  
 TI Manufacture of milk antimicrobial proteins in transgenic plants for use as feed additives  
 IN Huang, Ning; Rodriguez, Raymond L.; Hagie, Frank E.  
 PA USA  
 SO U.S. Pat. Appl. Publ., 129 pp., Cont.-in-part of U.S. Ser. No. 847,232.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003056244	A1	20030320	US 2002-76816	20020214
	WO 2001083792	A2	20011108	WO 2001-US14234	20010502
	WO 2001083792	A3	20020718		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,

HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,  
 LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,  
 RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN,  
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2003172403 A1 20030911 US 2001-847232 20010502  
 PRAI US 2000-201182P P 20000502  
 US 2001-266929P P 20010206  
 US 2001-269188P P 20010214  
 US 2001-847232 A2 20010502  
 WO 2001-US14234 W 20010502  
 US 2001-266920P P 20010206

L13 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:637857 CAPLUS

DN 137:184806

TI Manufacture of human milk proteins for infant formula in transgenic plants

IN Huang, Ning; Rodriguez, Raymond L.; Hagie, Frank E.

PA Ventria Bioscience, USA

SO PCT Int. Appl., 179 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002064814	A2	20020822	WO 2002-US4921	20020214
	WO 2002064814	A3	20021031		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003172403	A1	20030911	US 2001-847232	20010502
	EP 1367908	A2	20031210	EP 2002-719020	20020214
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRAI	US 2001-269199P	P	20010214		
	US 2001-847232	A	20010502		
	US 2000-201182P	P	20000502		
	US 2001-266920P	P	20010206		
	WO 2002-US4921	W	20020214		

L13 ANSWER 4 OF 5 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 1

AN 2002:57747 CABA

DN 20013019828

TI Production of human lactoferrin in transgenic plants

Excerpta Medica International Congress Series 1195

AU Anzai, H.; Takaiwa, F.; Katsumata, K.; Shimazaki, K. [EDITOR]; Tsuda, H.  
 [EDITOR]; Tomita, M. [EDITOR]; Kuwata, T. [EDITOR]; Perraudin, J. P.  
 [EDITOR]

CS Allergen Free-Technology (AFT) Laboratories Inc., c/o Meiji Seika Kaisha  
 Ltd., Morooka-cho, Kohoku-ku, Yokohama 222-8567, Japan.

SO Lactoferrin: structure, function and applications. Proceedings of the 4th  
 International Conference on Lactoferrin: Structure, Function and  
 Applications, held in Sapporo, Japan, 18-22 May 1999, (2000) pp. 265-271.  
 11 ref.

Publisher: Elsevier Science B.V. Amsterdam

Price: Book chapter; Conference paper .

Meeting Info.: Lactoferrin: structure, function and applications.  
 Proceedings of the 4th International Conference on Lactoferrin: Structure,  
 Function and Applications, held in Sapporo, Japan 18-22 May 1999.  
 ISBN: 0-444-50317-X

CY Netherlands Antilles  
 DT Journal  
 LA English  
 ED Entered STN: 20020405  
 Last Updated on STN: 20020405

L13 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:745191 CAPLUS  
 DN 130:1177  
 TI Recombinant lactoferrin, methods of production with plants and  
 uses  
 IN Legrand, Dominique; Salmon, Valerie; Spik, Genevieve; Gruber, Veronique;  
 Bournat, Philippe; Merot, Bertrand  
 PA Biocem (S.A.), Fr.  
 SO PCT Int. Appl., 77 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA French  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9850543	A1	19981112	WO 1998-FR895	19980504
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
FR 2762850	A1	19981106	FR 1997-5699	19970502
FR 2762850	B1	20000211		
AU 9876592	A1	19981127	AU 1998-76592	19980504
EP 981617	A1	20000301	EP 1998-924373	19980504
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001527406	T2	20011225	JP 1998-547783	19980504
US 6569831	B1	20030527	US 2000-423097	20000321
US 2003229925	A1	20031211	US 2003-446234	20030527
PRAI FR 1997-5699	A	19970502		
WO 1998-FR895	W	19980504		
US 2000-423097	A3	20000321		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
 14:41:21 ON 13 MAY 2004

L1 154 S (FOGHER, C? OR FOGHER C?)/AU  
 L2 50 S L1 AND PLANT  
 L3 3 S L2 AND PROMOTER  
 L4 3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)  
 L5 6 S 7S(W)BASIC(W)GLOBIN OR 7S(S)GLOBIN  
 L6 6 S L5 NOT L4  
 L7 3 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)  
 L8 0 S L6 AND PLANT  
 L9 139 S LACTOFERRIN AND PLANT

L10 138 S L9 NOT L4  
 L11 38 S L10 AND PROMOTER  
 L12 6 S L11 AND SEED  
 L13 5 DUPLICATE REMOVE L12 (1 DUPLICATE REMOVED)

=> s plant and vicilin(s)promoter and transgenic  
 L14 41 PLANT AND VICILIN(S) PROMOTER AND TRANSGENIC

=> duplicate remove l14  
 DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'  
 KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
 PROCESSING COMPLETED FOR L14  
 L15 26 DUPLICATE REMOVE L14 (15 DUPLICATES REMOVED)

=> d l15 1-10 ti

L15 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Methods of modifying plant growth and development by targeted expression of cell cycle control protein Cdc25

L15 ANSWER 2 OF 26 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 1  
 TI Module-specific regulation of the [beta]-phaseolin promoter during embryogenesis.

L15 ANSWER 3 OF 26 CABA COPYRIGHT 2004 CABI on STN  
 TI A plant binary vector with an antisense soybean UDP-glucose dehydrogenase gene.

L15 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Role of an ABI3 homologue in dormancy maintenance of yellow-cedar seeds and in the activation of storage protein and Em gene promoters

L15 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Sequence of promoter of tobacco quinolinate phosphoribosyltransferase gene and its use as molecular decoy to produce low nicotine content tobacco

L15 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Vicilin-like seed storage protein gene promoter and methods of using the same

L15 ANSWER 7 OF 26 MEDLINE on STN DUPLICATE 2  
 TI Seed-specific overexpression of a potato sucrose transporter increases sucrose uptake and growth rates of developing pea cotyledons.

L15 ANSWER 8 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 3  
 TI Expression patterns and subcellular localization of a 52kDa sucrose-binding protein homologue of Vicia faba (VfSBPL) suggest different functions during development.

L15 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Method of modifying plant morphology, biochemistry or physiology using cdc25 substrates

L15 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Method of modifying plant morphology, biochemistry or physiology using cdc25

=> d l15 11-20 ti

L15 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Modifying plant morphology, biochemistry and physiology by



expression of cyclin protein gene from regulatable promoter

- L15 ANSWER 12 OF 26 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
TI Antisense-inhibition of ADP-glucose pyrophosphorylase in developing seeds of *Vicia narbonensis* moderately decreases starch but increases protein content and affects seed maturation
- L15 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Altering the composition of plant storage organs by indirect effects of the expression of genes for high-sulfur proteins
- L15 ANSWER 14 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN  
TI Expression of a yeast-derived invertase in developing cotyledons of *Vicia narbonensis* alters the carbohydrate state and affects storage functions.
- L15 ANSWER 15 OF 26 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 4  
TI Seed-specific expression of the isopentenyl transferase gene (ipt) in transgenic tobacco.
- L15 ANSWER 16 OF 26 MEDLINE on STN DUPLICATE 5  
TI ACGT and vicilin core sequences in a promoter domain required for seed-specific expression of a 2S storage protein gene are recognized by the opaque-2 regulatory protein.
- L15 ANSWER 17 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 6  
TI Vicilin and napin storage-protein gene promoters are responsive to abscisic acid in developing transgenic tobacco seed but lose sensitivity following premature desiccation.
- L15 ANSWER 18 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 7  
TI The 5' flanking regions of vicilin and napin storage protein genes are down-regulated by desiccation in transgenic tobacco.
- L15 ANSWER 19 OF 26 CABA COPYRIGHT 2004 CABI on STN  
TI Control of seed storage protein gene expression: new aspects on an old problem.
- L15 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Desiccation causes a decline in the ABA sensitivity of vicilin and napin storage protein gene promoters in developing transgenic tobacco seed

=> d l15 21-26 ti

- L15 ANSWER 21 OF 26 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 8  
TI Role of desiccation in the termination of expression of genes for storage proteins.
- L15 ANSWER 22 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN  
TI A complex ensemble of cis-regulatory elements controls the expression of a *Vicia faba* non-storage seed protein gene.

L15 ANSWER 23 OF 26 CABA COPYRIGHT 2004 CABI on STN  
 TI Sustained root culture for generation and vegetative propagation of transgenic Arabidopsis thaliana.

L15 ANSWER 24 OF 26 MEDLINE on STN DUPLICATE 9  
 TI Vicilin with carboxy-terminal KDEL is retained in the endoplasmic reticulum and accumulates to high levels in the leaves of transgenic plants.

L15 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI The expression of a chimeric cauliflower mosaic virus (CaMV-35S)-pea vicilin gene in tobacco

L15 ANSWER 26 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN  
 TI Module-specific regulation of the (beta)-phaseolin promoter during embryogenesis.

=> d his

(FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 14:41:21 ON 13 MAY 2004

L1 154 S (FOGHER, C? OR FOGHER C?)/AU  
 L2 50 S L1 AND PLANT  
 L3 3 S L2 AND PROMOTER  
 L4 3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)  
 L5 6 S 7S(W)BASIC(W)GLOBIN OR 7S(S)GLOBIN  
 L6 6 S L5 NOT L4  
 L7 3 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)  
 L8 0 S L6 AND PLANT  
 L9 139 S LACTOFERRIN AND PLANT  
 L10 138 S L9 NOT L4  
 L11 38 S L10 AND PROMOTER  
 L12 6 S L11 AND SEED  
 L13 5 DUPLICATE REMOVE L12 (1 DUPLICATE REMOVED)  
 L14 41 S PLANT AND VICILIN(S)PROMOTER AND TRANSGENIC  
 L15 26 DUPLICATE REMOVE L14 (15 DUPLICATES REMOVED)

=> s l15 and 7s  
 L16 0 L15 AND 7S

=> file uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	56.23	56.44

FILE 'USPATFULL' ENTERED AT 14:49:44 ON 13 MAY 2004  
 CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 13 May 2004 (20040513/PD)  
 FILE LAST UPDATED: 13 May 2004 (20040513/ED)  
 HIGHEST GRANTED PATENT NUMBER: US6735778  
 HIGHEST APPLICATION PUBLICATION NUMBER: US2004093652  
 CA INDEXING IS CURRENT THROUGH 13 May 2004 (20040513/UPCA)  
 ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 13 May 2004 (20040513/PD)  
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2004  
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2004

>>> USPAT2 is now available. USPATFULL contains full text of the <<<  
 >>> original, i.e., the earliest published granted patents or <<<

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>>> applications. USPAT2 contains full text of the latest US <<<
>>> publications, starting in 2001, for the inventions covered in <<<
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc. <<<

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>>> USPATFULL and USPAT2 can be accessed and searched together <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<
>>> enter this cluster. <<<
>>> <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<

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This file contains CAS Registry Numbers for easy and accurate substance identification.

<-----User Break----->

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal600cxc

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*

SESSION RESUMED IN FILE 'USPATFULL' AT 14:54:55 ON 13 MAY 2004

FILE 'USPATFULL' ENTERED AT 14:54:55 ON 13 MAY 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.80	67.24

=> file uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	12.15	68.59

FILE 'USPATFULL' ENTERED AT 14:55:16 ON 13 MAY 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 13 May 2004 (20040513/PD)

FILE LAST UPDATED: 13 May 2004 (20040513/ED)

HIGHEST GRANTED PATENT NUMBER: US6735778

HIGHEST APPLICATION PUBLICATION NUMBER: US2004093652

CA INDEXING IS CURRENT THROUGH 13 May 2004 (20040513/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 13 May 2004 (20040513/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2004

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2004

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>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<
>>> applications. USPAT2 contains full text of the latest US <<<
>>> publications, starting in 2001, for the inventions covered in <<<
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<

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>>> publication date for all the US publications for an invention <<<  
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<  
>>> records and may be searched in standard search fields, e.g., /PN, <<<  
>>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<  
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<  
>>> enter this cluster. <<<  
>>> <<<  
>>> Use USPATALL when searching terms such as patent assignees, <<<  
>>> classifications, or claims, that may potentially change from <<<  
>>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> s (fogher, c? or fogher c?)/au  
0 FOGHER, C?/AU  
0 FOGHER C?/AU  
L18 0 (FOGHER, C? OR FOGHER C?)/AU

=> s 7s(s)basic(s)globulin  
3717 7S  
659162 BASIC  
10177 GLOBULIN  
L19 10 7S(S)BASIC(S)GLOBULIN

=> d l19 1-10 ti

L19 ANSWER 1 OF 10 USPATFULL on STN  
TI Fractioned soybean proteins and method for producing the same

L19 ANSWER 2 OF 10 USPATFULL on STN  
TI Rice promoters for regulation of plant expression

L19 ANSWER 3 OF 10 USPATFULL on STN  
TI Composition for diminishing neutral fat in blood

L19 ANSWER 4 OF 10 USPATFULL on STN  
TI Fractionation of soybean 7S globulin and 11S globulin and process for  
producing the same

L19 ANSWER 5 OF 10 USPATFULL on STN  
TI Biocatalyst inhibitors

L19 ANSWER 6 OF 10 USPATFULL on STN  
TI Compositions and methods for the modification of gene expression

L19 ANSWER 7 OF 10 USPATFULL on STN  
TI Modified 7S legume seed storage proteins

L19 ANSWER 8 OF 10 USPATFULL on STN  
TI Heat-gelling and foam-stabilizing enzymatically modified vegetable  
isolates

L19 ANSWER 9 OF 10 USPATFULL on STN  
TI Fractionation and isolation of 7S and 11S protein from isoelectrically  
precipitated vegetable protein mixtures

L19 ANSWER 10 OF 10 USPATFULL on STN  
TI 7S And 11S vegetable protein fractionation and isolation

=> s l19 and promoter  
75229 PROMOTER

L20 4 L19 AND PROMOTER

=> d 120 1-4 ti

L20 ANSWER 1 OF 4 USPATFULL on STN  
TI Rice promoters for regulation of plant expression

L20 ANSWER 2 OF 4 USPATFULL on STN  
TI Biocatalyst inhibitors

L20 ANSWER 3 OF 4 USPATFULL on STN  
TI Compositions and methods for the modification of gene expression

L20 ANSWER 4 OF 4 USPATFULL on STN  
TI Modified 7S legume seed storage proteins

=> d 120 1-4 bib

L20 ANSWER 1 OF 4 USPATFULL on STN  
AN 2004:20717 USPATFULL  
TI Rice promoters for regulation of plant expression  
IN Budworth, Paul, San Diego, CA, UNITED STATES  
Moughamer, Todd, San Diego, CA, UNITED STATES  
Briggs, Steven P., Del Mar, CA, UNITED STATES  
Cooper, Bret, La Jolla, CA, UNITED STATES  
Glazebrook, Jane, San Diego, CA, UNITED STATES  
Goff, Stephen Arthur, Encinitas, CA, UNITED STATES  
Katagiri, Fumiaki, San Diego, CA, UNITED STATES  
Kreps, Joel, Carlsbad, CA, UNITED STATES  
Provart, Nicholas, Toronto, CANADA  
Ricke, Darrell, San Diego, CA, UNITED STATES  
Zhu, Tong, San Diego, CA, UNITED STATES  
PI US 2004016025 A1 20040122  
AI US 2002-260238 A1 20020926 (10)  
PRAI US 2001-325448P 20010926 (60)  
US 2001-325277P 20010926 (60)  
US 2002-370620P 20020404 (60)  
DT Utility  
FS APPLICATION  
LREP James E. Butler, Torrey Mesa Research Institute, 3115 Merryfield Row,  
San Diego, CA, 92121  
CLMN Number of Claims: 77  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 18818  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 2 OF 4 USPATFULL on STN  
AN 2003:277124 USPATFULL  
TI Biocatalyst inhibitors  
IN Delcour, Jan, Heverlee, BELGIUM  
Debyser, Winok, Grimbergen, BELGIUM  
Gebruers, Kurt, Westerlo, BELGIUM  
Goesaert, Hans, Haacht, BELGIUM  
Fierens, Katleen, Bertem, BELGIUM  
Robben, Johan, Leuven, BELGIUM  
Van Campenhout, Steven, Heogaarden, BELGIUM  
PI US 2003195151 A1 20031016  
AI US 2002-311886 A1 20021223 (10)  
WO 2001-BE106 20010621  
PRAI GB 2000-15296 20000622  
GB 2001-2018 20010125  
GB 2001-2194 20010126  
GB 2001-6564 20010316

GB 2001-12328                      20010521  
 DT      Utility  
 FS      APPLICATION  
 LREP    NIXON & VANDERHYE, PC, 1100 N GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA,  
          22201-4714  
 CLMN    Number of Claims: 42  
 ECL     Exemplary Claim: 1  
 DRWN    27 Drawing Page(s)  
 LN.CNT 3598  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20    ANSWER 3 OF 4    USPATFULL on STN  
 AN      2003:147730    USPATFULL  
 TI      Compositions and methods for the modification of gene expression  
 IN      Perera, Ranjan, Carlsbad, CA, UNITED STATES  
          Rice, Stephen, Oxford, NEW ZEALAND  
          Wood, Marion, Auckland, NEW ZEALAND  
          Eagleton, Clare, Auckland, NEW ZEALAND  
          Visser, Elizabeth, Auckland, NEW ZEALAND  
 PA      Genesis Research and Development Corporation Limited, Parnell, NEW  
          ZEALAND (U.S. corporation)  
 PI      US 2003101478              A1      20030529  
 AI      US 2002-137036             A1      20020430 (10)  
 RLI      Continuation-in-part of Ser. No. US 2000-724624, filed on 28 Nov 2000,  
          PENDING Continuation-in-part of Ser. No. US 2000-598401, filed on 20 Jun  
          2000, PENDING Continuation-in-part of Ser. No. US 1999-276599, filed on  
          25 Mar 1999, GRANTED, Pat. No. US 6380459  
 PRAI    WO 2000-NZ18                      20000224  
          WO 2001-NZ115                  20010620  
          US 1999-146591P                19990730 (60)  
 DT      Utility  
 FS      APPLICATION  
 LREP    SPECKMAN LAW GROUP, 1501 WESTERN AVE, SUITE 100, SEATTLE, WA, 98101  
 CLMN    Number of Claims: 14  
 ECL     Exemplary Claim: 1  
 DRWN    19 Drawing Page(s)  
 LN.CNT 5586  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20    ANSWER 4 OF 4    USPATFULL on STN  
 AN      91:24754    USPATFULL  
 TI      Modified 7S legume seed storage proteins  
 IN      Hoffman, Leslie M., Madison, WI, United States  
 PA      Lubrizol Genetics, Inc., Wickliffe, OH, United States (U.S. corporation)  
 PI      US 5003045                      19910326  
 AI      US 1986-902223                19860829 (6)  
 DT      Utility  
 FS      Granted  
 EXNAM   Primary Examiner: Moskowitz, Margaret; Assistant Examiner: Furman, Keith  
          C.  
 LREP    Greenlee and Associates  
 CLMN    Number of Claims: 12  
 ECL     Exemplary Claim: 1  
 DRWN    1 Drawing Figure(s); 1 Drawing Page(s)  
 LN.CNT 790  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s plant and lactoferrin  
       206489 PLANT  
       1473 LACTOFERRIN  
 L21       603 PLANT AND LACTOFERRIN

=> s 121 and transgenic  
       26591 TRANSGENIC

L22 209 L21 AND TRANSGENIC

=> s 122 and seed  
83282 SEED

L23 74 L22 AND SEED

=> s 123 and plant(s)transgenic  
206489 PLANT  
26591 TRANSGENIC  
6731 PLANT(S)TRANSGENIC

L24 43 L23 AND PLANT(S)TRANSGENIC

=> s 124 and plant(p)lactoferrin  
206489 PLANT  
1473 LACTOFERRIN  
40 PLANT(P)LACTOFERRIN

L25 5 L24 AND PLANT(P)LACTOFERRIN

=> d 125 1-5

L25 ANSWER 1 OF 5 USPATFULL on STN

AN 2004:83161 USPATFULL

TI Method of making an anti-infective composition for treating oral  
infections

IN Huang, Ning, Davis, CA, UNITED STATES  
Huang, Jianmin, Davis, CA, UNITED STATES  
Bethell, Delia R., Sacramehto, CA, UNITED STATES

PI US 2004063617 A1 20040401

AI US 2003-639781 A1 20030813 (10)

RLI Continuation-in-part of Ser. No. US 2002-77381, filed on 14 Feb 2002,  
PENDING Continuation-in-part of Ser. No. US 2001-847232, filed on 2 May  
2001, PENDING

PRAI US 2001-269199P 20010214 (60)

US 2001-266929P 20010206 (60)

US 2000-201182P 20000502 (60)

DT Utility  
FS APPLICATION

LN.CNT 658

INCL INCLM: 514/006.000

INCLS: 800/288.000

NCL NCLM: 514/006.000

NCLS: 800/288.000

IC [7]

ICM: A61K038-40

ICS: A01H001-00; C12N015-82

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 2 OF 5 USPATFULL on STN

AN 2003:324637 USPATFULL

TI Production of recombinant epidermal growth factor in plants

IN Kenward, Kimberly D., Vegreville, CANADA  
Shah, Salehuzzaman, Edmonton, CANADA

PI US 2003228612 A1 20031211

AI US 2003-428339 A1 20030430 (10)

PRAI US 2002-377294P 20020430 (60)

DT Utility  
FS APPLICATION

LN.CNT 2032

INCL INCLM: 435/006.000

INCLS: 435/069.100; 435/320.100; 435/325.000; 530/399.000; 536/023.500

NCL NCLM: 435/006.000

NCLS: 435/069.100; 435/320.100; 435/325.000; 530/399.000; 536/023.500

IC [7]

ICM: C12Q001-68

ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-485

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 3 OF 5 USPATFULL on STN

AN 2003:245986 USPATFULL

TI Plant transcription factors and enhanced gene expression

IN Huang, Ning, Davis, CA, UNITED STATES

Yang, Daichang, Davis, CA, UNITED STATES

Hwang, Yong-Sic, Davis, CA, UNITED STATES

Schmidt, Robert J., La Jolla, CA, UNITED STATES

PI US 2003172403 A1 20030911

AI US 2001-847232 A1 20010502 (9)

PRAI US 2000-201182P 20000502 (60)

US 2001-266920P 20010206 (60)

DT Utility

FS APPLICATION

LN.CNT 2474

INCL INCLM: 800/287.000

INCLS: 800/288.000; 800/320.100; 800/320.200; 800/320.300; 800/320.000

NCL NCLM: 800/287.000

NCLS: 800/288.000; 800/320.100; 800/320.200; 800/320.300; 800/320.000

IC [7]

ICM: C12N015-82

ICS: A01H005-00; C12N015-87

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 4 OF 5 USPATFULL on STN

AN 2003:107786 USPATFULL

TI Expression of human milk proteins in transgenic plants

IN Huang, Ning, Davis, CA, UNITED STATES

Rodriguez, Raymond L., Davis, CA, UNITED STATES

Hagie, Frank E., Sacramento, CA, UNITED STATES

PI US 2003074700 A1 20030417

AI US 2002-77381 A1 20020214 (10)

RLI Continuation-in-part of Ser. No. US 2001-847232, filed on 2 May 2001,  
PENDING

PRAI US 2001-269199P 20010214 (60)

US 2001-266929P 20010206 (60)

US 2000-201182P 20000502 (60)

DT Utility

FS APPLICATION

LN.CNT 5555

INCL INCLM: 800/288.000

INCLS: 424/439.000; 800/320.200

NCL NCLM: 800/288.000

NCLS: 424/439.000; 800/320.200

IC [7]

ICM: A01H005-00

ICS: A61K047-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 5 OF 5 USPATFULL on STN

AN 2003:80313 USPATFULL

TI Feed additive compositions and methods

IN Huang, Ning, Davis, CA, UNITED STATES

Rodriguez, Raymond L., Davis, CA, UNITED STATES

Hagie, Frank E., Sacramento, CA, UNITED STATES

PI US 2003056244 A1 20030320

AI US 2002-76816 A1 20020214 (10)

RLI Continuation-in-part of Ser. No. US 2001-847232, filed on 2 May 2001,  
PENDING

PRAI WO 2001-US14234 20011108

US 2001-269188P 20010214 (60)

US 2001-266929P 20010206 (60)

US 2000-201182P 20000502 (60)

DT Utility



FS APPLICATION  
LN.CNT 5847  
INCL INCLM: 800/278.000  
INCLS: 424/442.000; 426/053.000  
NCL NCLM: 800/278.000  
NCLS: 424/442.000; 426/053.000  
IC [7]  
ICM: A23K001-165  
ICS: A23K001-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
14:41:21 ON 13 MAY 2004

L1 154 S (FOGHER, C? OR FOGHER C?)/AU  
L2 50 S L1 AND PLANT  
L3 3 S L2 AND PROMOTER  
L4 3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)  
L5 6 S 7S(W)BASIC(W)GLOBIN OR 7S(S)GLOBIN  
L6 6 S L5 NOT L4  
L7 3 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)  
L8 0 S L6 AND PLANT  
L9 139 S LACTOFERRIN AND PLANT  
L10 138 S L9 NOT L4  
L11 38 S L10 AND PROMOTER  
L12 6 S L11 AND SEED  
L13 5 DUPLICATE REMOVE L12 (1 DUPLICATE REMOVED)  
L14 41 S PLANT AND VICILIN(S)PROMOTER AND TRANSGENIC  
L15 26 DUPLICATE REMOVE L14 (15 DUPLICATES REMOVED)  
L16 0 S L15 AND 7S

FILE 'USPATFULL' ENTERED AT 14:49:44 ON 13 MAY 2004

L17 0 S (FOGHER, C? OR FOGHER C?)/AU

FILE 'USPATFULL' ENTERED AT 14:55:16 ON 13 MAY 2004

L18 0 S (FOGHER, C? OR FOGHER C?)/AU  
L19 10 S 7S(S)BASIC(S)GLOBULIN  
L20 4 S L19 AND PROMOTER  
L21 603 S PLANT AND LACTOFERRIN  
L22 209 S L21 AND TRANSGENIC  
L23 74 S L22 AND SEED  
L24 43 S L23 AND PLANT(S)TRANSGENIC  
L25 5 S L24 AND PLANT(P)LACTOFERRIN

=> s l24 not l25

L26 38 L24 NOT L25

=> d l26 1-10 ti

L26 ANSWER 1 OF 38 USPATFULL on STN  
TI Genes regulating circadian clock function and photoperiodism

L26 ANSWER 2 OF 38 USPATFULL on STN  
TI Interferon alpha: remodeling and glycoconjugation of interferon alpha

L26 ANSWER 3 OF 38 USPATFULL on STN  
TI Use of **plant** oil-bodies in vaccine delivery systems

L26 ANSWER 4 OF 38 USPATFULL on STN  
TI Granulocyte colony stimulating factor: remodeling and glycoconjugation  
of G-CSF

L26 ANSWER 5 OF 38 USPATFULL on STN  
TI Protein remodeling methods and proteins/peptides produced by the methods

L26 ANSWER 6 OF 38 USPATFULL on STN  
TI Alpha galactosidase a: remodeling and glycoconjugation of alpha galactosidase A

L26 ANSWER 7 OF 38 USPATFULL on STN  
TI In vitro mutagenesis, phenotyping, and gene mapping

L26 ANSWER 8 OF 38 USPATFULL on STN  
TI Application of aspen MADS-box genes to alter reproduction and development in trees

L26 ANSWER 9 OF 38 USPATFULL on STN  
TI Albumin fusion proteins

L26 ANSWER 10 OF 38 USPATFULL on STN  
TI Chimeric molecules for cleavage in a treated host

=> d 126 11-20 ti

L26 ANSWER 11 OF 38 USPATFULL on STN  
TI Methods and compositions for polypeptide engineering

L26 ANSWER 12 OF 38 USPATFULL on STN  
TI Enzymes responsible for the metabolism of cis-zeatin

L26 ANSWER 13 OF 38 USPATFULL on STN  
TI Phytase variants

L26 ANSWER 14 OF 38 USPATFULL on STN  
TI Clean synthetic vectors, plasmids, transgenic plants and plant parts containing them, and methods for obtaining them

L26 ANSWER 15 OF 38 USPATFULL on STN  
TI Enzymes responsible for the metabolism of zeatin

L26 ANSWER 16 OF 38 USPATFULL on STN  
TI Methods and compositions for polypeptide engineering

L26 ANSWER 17 OF 38 USPATFULL on STN  
TI Methods and compositions for polypeptide engineering

L26 ANSWER 18 OF 38 USPATFULL on STN  
TI Transgenically produced prolactin

L26 ANSWER 19 OF 38 USPATFULL on STN  
TI Floral homeotic genes for manipulation of flowering in poplar and other plant species

L26 ANSWER 20 OF 38 USPATFULL on STN  
TI Methods and compositions for polypeptide engineering

=> d 126 21-30 ti

L26 ANSWER 21 OF 38 USPATFULL on STN  
TI Methods and compositions for polypeptide engineering

L26 ANSWER 22 OF 38 USPATFULL on STN  
TI Nucleic acids encoding a plant enzyme involved in very long chain fatty acid synthesis

L26 ANSWER 23 OF 38 USPATFULL on STN  
 TI Promoter regulating circadian clock function and photoperiodism

L26 ANSWER 24 OF 38 USPATFULL on STN  
 TI Genes regulating circadian clock function and photoperiodism

L26 ANSWER 25 OF 38 USPATFULL on STN  
 TI Chimeric **plant** promoters and plants containing the same

L26 ANSWER 26 OF 38 USPATFULL on STN  
 TI Methods and compositions for polypeptide engineering

L26 ANSWER 27 OF 38 USPATFULL on STN  
 TI Vaccines comprising oil bodies

L26 ANSWER 28 OF 38 USPATFULL on STN  
 TI Floral homeotic genes for manipulation of flowering in poplar and other plant species

L26 ANSWER 29 OF 38 USPATFULL on STN  
 TI METHODS AND COMPOSITIONS FOR POLYPEPTIDE ENGINEERING

L26 ANSWER 30 OF 38 USPATFULL on STN  
 TI Alpha(III) subunit for prolyl 4-hydroxylase

=> d 126 bib

L26 ANSWER 1 OF 38 USPATFULL on STN  
 AN 2004:115917 USPATFULL  
 TI Genes regulating circadian clock function and photoperiodism  
 IN Wagner, Ry, Eugene, OR, UNITED STATES  
 Hicks, Karen A., Mt. Vernon, OH, UNITED STATES  
 Spence, Michelle T.Z., Capitola, WA, UNITED STATES  
 Foss, Henriette, Eugene, OR, UNITED STATES  
 Liu, Xiang Liang, Eugene, OR, UNITED STATES  
 Covington, Michael F., San Diego, CA, UNITED STATES  
 PA The State of Oregon on behalf of the University of Oregon (U.S. corporation)  
 PI US 2004088766 A1 20040506  
 AI US 2003-719885 A1 20031121 (10)  
 RLI Division of Ser. No. US 2000-746801, filed on 20 Dec 2000, GRANTED, Pat. No. US 6689940 Continuation-in-part of Ser. No. US 2000-513057, filed on 24 Feb 2000, GRANTED, Pat. No. US 6433251 Continuation-in-part of Ser. No. WO 1999-US18747, filed on 17 Aug 1999, PENDING  
 PRAI US 1998-96802P 19980817 (60)  
 DT Utility  
 FS APPLICATION  
 LREP KLARQUIST SPARKMAN, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR, 97204  
 CLMN Number of Claims: 15  
 ECL Exemplary Claim: 1  
 DRWN 4 Drawing Page(s)  
 LN.CNT 4761

=> d 126 25 bib

L26 ANSWER 25 OF 38 USPATFULL on STN  
 AN 2002:158872 USPATFULL  
 TI Chimeric **plant** promoters and plants containing the same  
 IN Gruber, Veronique, Chamalieres, FRANCE  
 Norre, Frederic, Mirefleurs, FRANCE  
 Theisen, Manfred, Chamalieres, FRANCE

PI US 2002083486 A1 20020627  
AI US 2001-870375 A1 20010530 (9)  
RLI Continuation-in-part of Ser. No. WO 2000-IB1383, filed on 28 Sep 2000,  
UNKNOWN  
DT Utility  
FS APPLICATION  
LREP KATHLEEN M. WILLIAMS, PALMER & DODGE LLP, One Beacon Street, Boston, MA,  
02108  
CLMN Number of Claims: 61  
ECL Exemplary Claim: 1  
DRWN 14 Drawing Page(s)  
LN.CNT 3110  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 126 31-38 ti

L26 ANSWER 31 OF 38 USPATFULL on STN  
TI Methods and compositions for polypeptides engineering  
  
L26 ANSWER 32 OF 38 USPATFULL on STN  
TI Bs2 resistance gene  
  
L26 ANSWER 33 OF 38 USPATFULL on STN  
TI Methods and compositions for polypeptide engineering  
  
L26 ANSWER 34 OF 38 USPATFULL on STN  
TI Methods and compositions for polypeptide engineering  
  
L26 ANSWER 35 OF 38 USPATFULL on STN  
TI Methods and compositions for polypeptide engineering  
  
L26 ANSWER 36 OF 38 USPATFULL on STN  
TI Nucleic acids encoding a plant enzyme involved in very long  
chain fatty acid synthesis  
  
L26 ANSWER 37 OF 38 USPATFULL on STN  
TI BS2 resistance gene  
  
L26 ANSWER 38 OF 38 USPATFULL on STN  
TI Transgenically produced prolactin

=> d 126 38 bib

L26 ANSWER 38 OF 38 USPATFULL on STN  
AN 2001:47611 USPATFULL  
TI Transgenically produced prolactin  
IN Echelard, Yann, Brookline, MA, United States  
Wilburn, Brian, Boston, MA, United States  
PA Genzyme Transgenics Corporation, Framingham, MA, United States (U.S.  
corporation)  
PI US 6210736 B1 20010403  
AI US 1998-94781 19980615 (9)  
PRAI US 1997-49856P 19970617 (60)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Hauda, Karen M.; Assistant Examiner: Shukla, Ram R.  
LREP Fish & Richardson P.C.  
CLMN Number of Claims: 6  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1936  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 14:41:21 ON 13 MAY 2004

L1 154 S (FOGHER, C? OR FOGHER C?)/AU  
L2 50 S L1 AND PLANT  
L3 3 S L2 AND PROMOTER  
L4 3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)  
L5 6 S 7S(W)BASIC(W)GLOBIN OR 7S(S)GLOBIN  
L6 6 S L5 NOT L4  
L7 3 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)  
L8 0 S L6 AND PLANT  
L9 139 S LACTOFERRIN AND PLANT  
L10 138 S L9 NOT L4  
L11 38 S L10 AND PROMOTER  
L12 6 S L11 AND SEED  
L13 5 DUPLICATE REMOVE L12 (1 DUPLICATE REMOVED)  
L14 41 S PLANT AND VICILIN(S)PROMOTER AND TRANSGENIC  
L15 26 DUPLICATE REMOVE L14 (15 DUPLICATES REMOVED)  
L16 0 S L15 AND 7S

FILE 'USPATFULL' ENTERED AT 14:49:44 ON 13 MAY 2004

L17 0 S (FOGHER, C? OR FOGHER C?)/AU

FILE 'USPATFULL' ENTERED AT 14:55:16 ON 13 MAY 2004

L18 0 S (FOGHER, C? OR FOGHER C?)/AU  
L19 10 S 7S(S)BASIC(S)GLOBULIN  
L20 4 S L19 AND PROMOTER  
L21 603 S PLANT AND LACTOFERRIN  
L22 209 S L21 AND TRANSGENIC  
L23 74 S L22 AND SEED  
L24 43 S L23 AND PLANT(S)TRANSGENIC  
L25 5 S L24 AND PLANT(P)LACTOFERRIN  
L26 38 S L24 NOT L25

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

27.24

95.83

STN INTERNATIONAL LOGOFF AT 15:02:12 ON 13 MAY 2004